

**STATE OF CALIFORNIA**  
California Energy Commission  
Minutes of the May 31, 2012 Energy Commission Business Meeting

The meeting was called to order at 9:07 by Chair Robert B. Weisenmiller. The Pledge of Allegiance was led by Chair Weisenmiller.

Present:

Robert B. Weisenmiller, Chair  
Karen Douglas, Commissioner

Carla J. Peterman, Commissioner  
Andrew McAllister, Commissioner

1. CONSENT CALENDAR. (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
  - a. EHLERT BUSINESS GROUP. Possible approval of Amendment 1 to Contract 170-09-002 with Ehlert Business Group for a one-year no-cost time extension for hearing reporter services, including changes to update contract terms. (ERPA funding.) Contact: RoseMary Avalos.
  - b. HYDROLOGIC RESEARCH CENTER. Possible approval of Amendment 1 to Contract 500-08-033 with Hydrologic Research Center for a six-month no-cost time extension because attributes of the data provided by the National Weather Service have changed, causing a delay in data processing and model testing. (PIER electricity funding.) Contact: Joe O'Hagan.
  - c. BENNINGFIELD GROUP. Possible approval of Amendment 1 to Agreement PIR-08-016 with Benningfield Group for a one-year no-cost time extension to June 28, 2013, due to a change in the demonstration site to Twin Rivers Unified School District in Sacramento. A time extension is needed to complete the monitoring and evaluation of the variable air volume technology at the school. (PIER electricity funding.) Contact: Chris Scruton.
  - d. ELECTRIC VEHICLES INTERNATIONAL. Possible approval of Amendment 2 to Agreement ARV-09-017 with Electric Vehicles International (EVI) for a 26-month no-cost time extension and budget reallocation for the Range-Extended EV Medium-Duty Pickup Truck Application Project. The extension will allow added time for EVI to improve the electric vehicle chassis and battery packs that are currently in development. The new proposed end date is August 30, 2014. (ARFVTP funding.) Contact: Jared Cacho.
  - e. LEYDEN ENERGY LLC. Possible approval of Amendment 1 to grant agreement ARV-10-015 with Leyden Energy, LLC. If approved, the no cost amendment will: a remove inactive Key Partners and Key Personnel from the Scope of Work; extend the term of the agreement and Schedule of Products and Due Dates through March 31, 2015; add a definition for "Electric Vehicle" to the Scope of Work, consistent with the definition in the 2010-2011 Investment Plan for the Alternative and Renewable Fuel and Vehicle Technology Program; and correct typographical errors in the Scope of Work. (ARFVTP funding.) Contact: Jacob Orenberg.

*Commissioner Douglas moved and Commissioner Peterman seconded approval of the Consent Calendar. The vote was unanimous. (4-0)*

2. ENERGY COMMISSION COMMITTEE APPOINTMENTS. Possible approval of appointments to the Energy Commission's Standing Committees and Siting Case Committees. Contact: Kevin Barker. (5 minutes)

*A committee consisting of Commissioner Douglas, Presiding, and Commissioner McAllister, Associate Member, was appointed for the Hydrogen Energy California project (08-AFC-8). Commissioner Peterman moved and Commissioner Douglas seconded approval of the appointment. The vote was unanimous. (4-0)*

*Commissioner McAllister was appointed Associate Member of the committee for the Quail Brush Generation project (11-AFC-03). Commissioner Douglas moved and Commissioner McAllister seconded approval of the appointment. The vote was unanimous. (4-0)*

3. EMERGING RENEWABLES PROGRAM GUIDEBOOK. Possible adoption of proposed revisions to the Emerging Renewables Program Guidebook, Twelfth Edition, to extend the \$3 per watt rebate level for small wind systems through November 9, 2012. The Guidebook describes the requirements to receive incentives for installing eligible fuel cell and small wind generating systems located in specified investor-owned utility territories. Contact: Sarah Taheri. (10 minutes)

*Commissioner Peterman moved and Commissioner McAllister seconded adoption of the proposed revisions. The vote was unanimous. (4-0)*

4. 2013 BUILDING ENERGY EFFICIENCY STANDARDS – INITIAL STUDY AND NEGATIVE DECLARATION. Possible adoption of the proposed and supplemental Initial Study and Negative Declaration for the 2013 update to the Building Energy Efficiency Standards for Residential and Nonresidential Buildings, Title 24, California Code of Regulations, Parts 1, 6 and 11. Contact: Joe Loyer. (15 minutes)

*Commissioner Douglas moved approval of the Initial Study and Negative Declaration. The vote was unanimous. (4-0)*

5. 2013 BUILDING ENERGY EFFICIENCY STANDARDS. Possible adoption, following publication of proposed changes and 15-day language comment period, of proposed 2013 update to the Building Energy Efficiency Standards for Residential and Nonresidential Buildings in the California Code of Regulations, Title 24, Part 6, associated administrative regulations in Part 1 (collectively also known as the California Energy Code), associated reference appendices, alternative calculation method approval manuals, and portions of the Green Building Code, Part 11 (also known as CalGreen), of the California Building Code. Contact: Martha Brook. (3 hours)

*Commissioner Douglas moved and Commissioner McAllister seconded adoption of the proposed order adopting the proposed changes. The vote was unanimous. (4-0)*

*The meeting was recessed at 12:35 p.m. and reconvened at 1:40 p.m.*

6. CARLSBAD ENERGY CENTER (07-AFC-6). Possible adoption of the Revised Presiding Member's Proposed Decision on the Carlsbad Energy Center, and possible revisions thereto. The Revised Presiding Member's Proposed Decision was issued on March 28, 2012. The proposed Carlsbad Energy Center is a combined cycle electrical power plant facility with a generating capacity of 540-megawatts (MW) located in the city of Carlsbad, San Diego County. Contact: Paul Kramer. (2 hours)

*Commissioner Douglas moved and Commissioner McAllister seconded adoption of the revised Commission adoption order circulated at 6 p.m. today by Hearing Officer Kramer, with the addition of the word 'not' in the second sentence of Paragraph 13, so that it reads "...does not result in a new significant environmental impact ..." The vote was unanimous. (4-0)*

7. SYMSOFT SOLUTIONS, LLC. Possible approval of Purchase Order 11-409.00-016 for \$489,680 to SymSoft Solutions, LLC to provide expertise to implement web based electronic filing and case management systems for document and records management in support of the Energy Commission's activities. (ERPA funding.)  
Contact: Mark Hutchison. (5 minutes)

*Commissioner Peterman moved and Commissioner McAllister seconded approval of Item 7. The vote was unanimous. (4-0)*

8. CYBER COMMUNICATIONS, INC. Possible approval of Purchase Order 11-409.00-017 for \$135,000 to Cyber Communications, Inc to provide the necessary expertise to perform an independent Information Technology (IT) Security Assessment of the Energy Commission IT environment. (ERPA funding.)  
Contact: Dale Chisum. (5 minutes)

*Commissioner Peterman moved and Commissioner McAllister seconded approval of Item 8. The vote was unanimous. (4-0)*

9. GAS TECHNOLOGY INSTITUTE. Possible approval of Agreement ARV-11-029 for a grant of \$4,562,532 to Institute of Gas Technology dba Gas Technology Institute to demonstrate a natural gas version of a Navistar engine and a plug-in liquefied natural gas hybrid heavy-duty truck. (ARFVTP funding.) Contact: Donald Coe. (5 minutes)

*Commissioner Peterman moved and Commissioner McAllister seconded approval of Item 9, and a finding that the project is exempt from further environmental review, as read into the record today. The vote was unanimous. (4-0)*

10. SPRINGBOARD BIODIESEL, LLC. Possible approval of Agreement ARV-11-016 for a grant of \$758,200 to Springboard Biodiesel, LLC to develop and build a pilot biodiesel production facility in Chico, California. The facility will demonstrate Springboard's closed local loop system to produce biodiesel from used cooking oil and other waste feedstocks. The facility is expected to produce 1,000 gallons per day of ASTM grade biodiesel to be used by local fleets. (ARFVTP funding.)  
Contact: Hieu Nguyen. (5 minutes)

*Commissioner Peterman moved and Commissioner McAllister seconded approval of Item 10, and a finding that the project is exempt from further environmental review, as read into the record today. The vote was unanimous. (4-0)*

11. SACPORT BIOFUELS CORPORATION. Possible approval of Agreement ARV-11-019 for a grant of \$5 million to SacPort Biofuels Corporation to develop, build, validate, and test a pilot facility to demonstrate an innovative Fischer-Tropsch process to produce biofuel from locally-sourced municipal solid waste. The project will be located in West Sacramento, California, and will produce up to 365,000 gallons of renewable diesel annually. (ARFVTP funding.) Contact: Hieu Nguyen. (5 minutes)

*Commissioner Peterman moved and Commissioner McAllister seconded approval of Item 11, together with the statement of overriding benefit and measures, as read into the record today. The vote was unanimous. (4-0)*

12. CALSTART, INC. Possible approval of Agreement ARV-11-014 for a grant of \$14,469,304 to CalStart, Inc., to demonstrate nine different types of vehicles included in the California CLEAN truck program, a state-wide portfolio of high-impact demonstration projects for advanced, alternative technology medium- and heavy-duty vehicles for near commercial on- and off-road applications. (ARFVTP funding.) Contact: Eric VanWinkle. (10 minutes)

*Commissioner Peterman moved and Commissioner Douglas seconded approval of Item 12 and a finding that the project is exempt from further environmental review, as read into the record today. The vote was unanimous. (4-0)*

13. WHOLE ENERGY PACIFICA LLC. Possible approval of Agreement ARV-11-026 for a grant of \$125,274 to Whole Energy Pacifica LLC to design, build, and install a skid-mounted inline, proportional biodiesel-diesel blending system at an existing biodiesel terminal in Richmond, California. (ARFVTP funding.)  
Contact: Eric VanWinkle. (5 minutes)

*Commissioner Peterman moved and Commissioner Douglas seconded approval of Item 13 and a finding that the project is exempt from further environmental review, as read into the record today. The vote was unanimous. (4-0)*

14. PROPEL BIOFUELS, INC. Possible approval of Agreement ARV-11-024 for a grant of \$10.1 million to Propel Biofuels, Inc. to cost share the installation of new E85 (ethanol) fueling stations. Propel Biofuels will construct and install 101 new E85 fueling stations at existing retail fueling locations statewide. (ARFVTP funding.)  
Contact: Larry Rillera. (5 minutes)

*Commissioner Peterman moved and Commissioner Douglas seconded approval of Item 14. The vote was unanimous. (4-0)*

15. ALTERNATIVE AND RENEWABLE FUEL AND VEHICLE TECHNOLOGY BUY-DOWN INCENTIVE RESERVATIONS. Possible approval of a total of \$16,000 in vehicle buy-down incentive reservations. (ARFVT funding.)  
Contact: Andre Freeman. (5 minutes)
  - a. Reynolds Buick – GMC (OEM – GMC) (BDIR-11-43), in the amount of \$16,000 for the buy-down of two natural gas vehicles of 8,501 to 14,000 pounds gross vehicle weight.

*Commissioner Peterman moved and Commissioner McAllister seconded approval of Item 15. The vote was unanimous. (4-0)*

16. SONOMA VALLEY HEALTH CARE DISTRICT. Possible approval of Agreement 003-11-ECF for a loan of \$1,065,097 to Sonoma Valley Health Care District for energy efficiency projects at the Sonoma Valley Hospital. (ECAA funding.) Contact: Haile Bucaneg. (5 minutes)

*Commissioner McAllister moved and Commissioner Douglas seconded approval of Item 16. The vote was unanimous. (4-0)*

17. ALTEX TECHNOLOGIES CORPORATION. Possible approval of Agreement PIR-11-027 for a grant of \$731,770 to Altex Technologies Corporation to develop and demonstrate an innovative heat-driven cooling system for a tri-generation energy system technology. Such innovation will offer a new compact, low-emissions, and cost-effective combined cooling, heating, and power

technology for the large fire tube boiler market. (PIER natural gas funding.) Contact: Mike Kane. (5 minutes)

*Commissioner Peterman moved and Commissioner McAllister seconded approval of Item 17. The vote was unanimous. (4-0)*

18. MAXWELL TECHNOLOGIES. Possible approval of Agreement PIR-11-031 for a grant of \$1,392,464 to Maxwell Technologies to demonstrate the use of interfacing solar arrays with ultracapacitors as a means of energy storage to stabilize solar power output. This two-phase demonstration will occur at a 28-kilowatt (kW) solar array at the University of California, San Diego microgrid, and at a 250-kW portion of a solar array located in Newberry Springs, California. (PIER electricity funding.) Contact: Avtar Bining. (5 minutes)

*Commissioner McAllister moved and Commissioner Douglas seconded approval of Item 18. The vote was unanimous. (4-0)*

19. **Minutes:** Possible approval of the May 9, 2012, Business Meeting Minutes.

*Commissioner Douglas moved and Commissioner Peterman seconded approval of the Minutes. The vote was unanimous. (4-0)*

20. **Lead Commissioner or Presiding Member Reports.**

Commissioner Peterman reported on upcoming IEPR workshops.

21. **Chief Counsel's Report:** None

22. **Executive Director's Report.** None

23. **Public Adviser's Report.** None

24. **Public Comment:** None

#### Appearances

Mr. Manual Alvarez, Southern California Edison

Mr. John Arent, Architectural Energy Corporation

Ms. Julie Baker, Power of Vision

Mr. Ron Ball, City Attorney, City of Carlsbad and General Counsel to (former) Redevelopment Agency

Dr. William D. Callahan, Associated Roofing Contractors of the Bay Area Counties, Inc.

Mr. Jerry Desmond, Jr., Plumbing Manufacturers International

Mr. Eric DeVito, Cardinal Glass Industries

Mr. David Dias, Sheet Metal Workers Local 104 and Western States Sheet Metal Workers

Mr. Daniel Mark Dodd, CR Energy, Parent Co. of SacPort Biofuels

Mr. Ralph Faust, Attorney for the City of Carlsbad

Mr. Mike Fischer, Polyiso Insulation Manufacturers Association (PIMA)

Mr. Mike Gabel, CABEC

Mr. Tom Garcia, CALBO

Mr. Joe Garuba, City of Carlsbad, Project Manager

Mr. Joe Guasti, Wind turbine owner/dealer (by telephone)

Mr. Matt Hall, Mayor of Carlsbad

Mr. Larry Hamilton, A.L.L. Save Energy

Mr. Peter Hart, LeClairRyan, on behalf of ARMA

Mr. Mike Hodgson, ConSol, representing California Building Industry Association

Mr. Noah Horowitz, Natural Resources Defense Council  
Mr. Matt Horton, Propel Fuels  
Ms. Lisa Hoyos, Blue Green Alliance  
Mr. Matt Kerns, California Building Official Organization, Building Codes Assistance Project  
Mr. Mike Lewis, Pearson Fuels  
Mr. Robert Lucas, UTC Carrier Corporation  
Mr. Justin Malan, Distributed Wind Energy Association  
Mr. John Martin, International Association of Lighting Designers  
Mr. Eduardo Martinez, Carter Wetch & Associates on behalf of California State Pipe Trades Council,  
California State Association of Electrical Workers, Western States Council of Sheet Metal  
Workers  
Mr. John A. McKinsey, Stoel Rives, LLP on behalf of NRG Energy, Inc.  
Mr. George Nesbitt, CalHERS  
Mr. Mark Nowak, Steel Framing Alliance (by telephone)  
Mr. George Piantka, NRG Energy Inc.  
Ms. Helene Hardy Pierce, GAF  
Mr. Bob Raymer, California Building Industry Association  
Mr. Arnold Roe, Power of Vision  
Mr. Josh Rosa, California Association of Sheet Metal and Air Conditioning Contractors National Association,  
CAL-SMACCNA  
Mr. Will Rostov, Center for Biological Diversity  
Mr. Aniruddha Roy, Air-Conditioning, Heating, and Refrigeration Institute (AHRI)  
Mr. Adrian Salas, Semptra Utilities  
Mr. Robert Sarvey (by telephone)  
Ms. Kerry Siekmann, Terrimar Power of Vision (by telephone)  
Mr. Patrick Splitt, ApTech (by telephone)  
Mr. Frank Stanonik, AHRI (by telephone)  
Mr. Alan Thompson, City of Carlsbad  
Mr. Louis Wilde, Gnarus Advisors on behalf of ARMA  
Mr. John Woestman, Extruded Polystyrene Foam Association  
Ms. Valerie Winn, Pacific Gas and Electric Co.

There being no further business, the meeting was adjourned at 6:50 p.m.

Respectfully submitted,

HARRIET KALLEMEYN  
Secretary to the Commission